

# HEATLIGHT TECHNOLOGY

## HL15S Stainless Heater

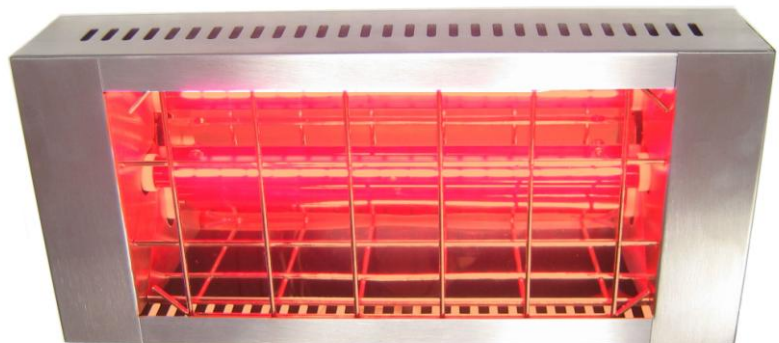
Stainless Steel is the ideal material for use where heaters need to be corrosion resistant. The HL15S uses stainless parts and components ensuring that the life and appearance of the heater is maximised. The heater is suitable for general internal and under cover external installations. It provides quartz short wave high energy instant infrared heat.



The heater is supplied with a 1500W quartz ruby jacket lamp that will give at least 5,000 hours of service and is pre-wired with 1 metre of cable to facilitate installation. The heater is virtually maintenance free, a periodic wipe over with a damp cloth will keep the stainless steel looking smart. The HL15S is a versatile product, it can be mounted on a wall or overhead and gives heat from the moment of switch-on. The short wave technology ensures that the efficiency of the heater is high, warming people and surfaces not the air and the heat is not effected by draughts.

Applications for this product include:

- Seaside facilities where heaters are prone to attack from salt laden air.
- Farms
- Kennels
- Food industry process lines
- Food preparation areas in the catering industry
- Leisure facilities
- Golf Ranges
- Swimming facilities
- Milking parlours



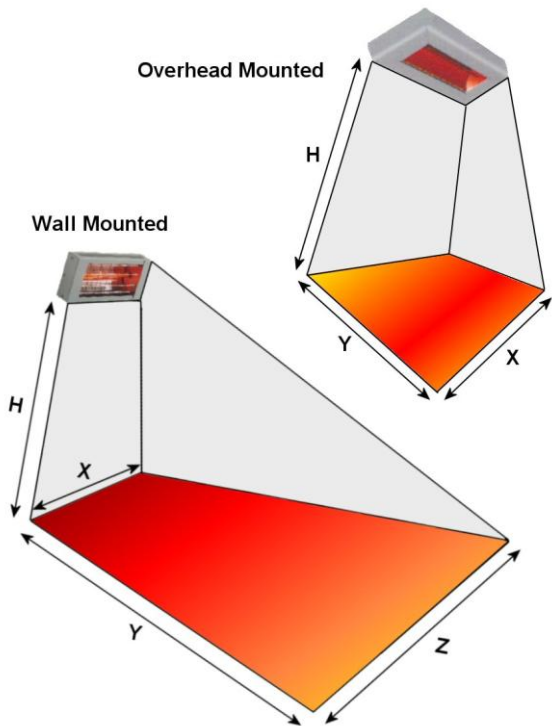
Guard supplied as standard.

Please see over for our heating table, suggested mounting heights and area coverage.

# HL15S Heater

## Benefits of Using HeatLight Quartz Heating Systems

- The perfect solution for commercial & industrial zone heating.
- Recommended by most electricity boards.
- Competitive prices.
- Technical support.
- Design and planning advice.
- Full range of infra red heaters for indoor and outdoor fixed or mobile systems.



## Heat Requirements

A simple calculation can be made regarding the total amount of heat required in any given area, by using the guidelines in the watts/m<sup>2</sup> below

Choose the nearest figure to the application of work undertaken and premises type, then multiply this by the total area in m<sup>2</sup>. This will give you an idea as to the total amount of wattage required for heating the area.

The size and type of heaters can then be compared with the *table below* to find the most suitable models. A 10 – 15% overlap is recommended to ensure even coverage of the area. Due consideration should be given to the power supply required, mounting locations and safety requirements.

w/m <sup>2</sup> required			
	Heavy work	Light work	Spot Heating
Highly insulated	150	200	250
Insulated	175	225	250
Un-insulated	200	250	275
Light cladding	250	300	300
Badly insulated/damp	300	300	300

## Spot Heating

As an additional guide to spot Heating, we would also recommend heating from two directions, to cover the area from opposite sides. This will ensure an overall feeling of comfort and warmth. A heat loading of 250 – 300w/m<sup>2</sup> can be considered as a guide for this type of area.

	Wall Mounted				Area Covered	Overhead Mounted			Area Covered
	H	X	Y	Z		H	X	Y	
<b>HL15S</b>	2.5m	3.2m	2.6m	6.0m	11.9m <sup>2</sup>	3.0m	3.0m	2.0m	6.0m <sup>2</sup>

Recommended mounting height – Minimum 2.2 meters      Maximum 3.5 meters

Length	405mm
Height	190mm
Depth	72mm
Weight	1.95Kg



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